

September 2, 2004

Mr. Rick A. Muench
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION - REQUEST FOR ADDITIONAL
INFORMATION RELATED TO BULLETIN 2003-01 (TAC NO. MB9632)

Dear Mr. Muench:

By letter dated August 8, 2003 (WO 03-0049), you provided the 60-day response to NRC Bulletin 2003-01, "Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized Water Reactors," for the Wolf Creek Generating Station. The Bulletin requested the licensee to either (1) state that the emergency core cooling system (ECCS) and containment spray system (CSS) recirculation functions have been analyzed with respect to the potentially adverse post-accident debris blockage effects identified in the Bulletin and are in compliance with all existing applicable regulatory requirements, or (2) describe any interim compensatory measures that have been implemented or that will be implemented to reduce the interim risk associated with potentially degraded or nonconforming ECCS and CSS recirculation functions until an evaluation to determine compliance is complete. Your letter addressed Option 2.

The staff has completed its preliminary review of the 60-day response and has determined it needs the additional information given in the enclosed request for additional information to complete its review. The questions were provided to your staff by e-mail and they have agreed to provide responses to the questions by November 5, 2004.

Sincerely,

/RA/

Jack Donohew, Senior Project Manager, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-482

Enclosure: Request for Additional Information

cc w/encl: See next page

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Sincerely,

/RAI

Jack Donohew, Senior Project Manager, Section 2
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Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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* See memo dated 08/12/04

ACCESSION NO.: ML042460606

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REQUEST FOR ADDITIONAL INFORMATION
BULLETIN 2003-01, "POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON
EMERGENCY SUMP RECIRCULATION AT PRESSURIZED WATER REACTORS"
WOLF CREEK NUCLEAR OPERATING CORPORATION
WOLF CREEK GENERATING STATION
DOCKET NO. 50-482

By letter dated August 8, 2003, the Wolf Creek Nuclear Operating Corporation (the licensee) provided the 60-day response to NRC Bulletin 2003-01, "Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized Water Reactors," for the Wolf Creek Generating Station (WCGS). The Bulletin requested the licensee to either (1) state that the emergency core cooling system (ECCS) and containment spray system (CSS) recirculation functions have been analyzed with respect to the potentially adverse post-accident debris blockage effects identified in the Bulletin and are in compliance with all existing applicable regulatory requirements, or (2) describe any interim compensatory measures that have been implemented or that will be implemented to reduce the interim risk associated with potentially degraded or nonconforming ECCS and CSS recirculation functions until an evaluation to determine compliance is complete. The letter dated August 8, 2003, addressed Option 2.

The staff has completed its preliminary review of the 60-day response and has determined it needs the following additional information to complete its review:

1. On page 2 of Attachment I of your Bulletin 2003-01 response you stated that enhanced classroom training for licensed operators would be conducted during pre-outage training classes, training to be completed by October 17, 2003. You further stated that a specific simulator loss-of-coolant accident (LOCA) scenario modeling recirculation sump blockage would be developed, training to be completed by February 27, 2004. However, your response does not completely discuss the operator training to be implemented in these two training efforts. For these two training efforts, please provide a detailed discussion of the operating procedures to be implemented, the indications of sump clogging that the operators are instructed to monitor, and the response actions the operators are instructed to take in the event of sump clogging and loss of ECCS recirculation capability.
2. On page 4 of Attachment I of your Bulletin 2003-01 response you state that "a schedule for Wolf Creek implementation of required [emergency procedure] changes will be established based on the WOG [Westinghouse Owners Group] recommended changes, if any." The WOG has developed operational guidance in response to Bulletin 2003-01 for Westinghouse and Combustion Engineering type pressurized water reactors. Provide a discussion of your plans to consider implementing this new WOG guidance. Include a discussion of the WOG recommended compensatory measures that have been or will be implemented at WCGS, and the evaluations or analyses performed to determine which of the WOG recommended changes are acceptable at WCGS. Also,

provide technical justification for those WOG-recommended compensatory measures not being implemented by WCGS and include a detailed discussion of the procedures being modified, the operator training being implemented, and your schedule for implementing these compensatory measures.

3. NRC Bulletin 2003-01 provides possible interim compensatory measures licensees could consider to reduce risks associated with sump clogging. In addition to those compensatory measures listed in Bulletin 2003-01, licensees may also consider implementing unique or plant-specific compensatory measures, as applicable. Please discuss any possible unique or plant-specific compensatory measures you considered for implementation at WCGS. Include a basis for rejecting any of these additional considered measures.

Wolf Creek Generating Station

cc:

Jay Silberg, Esq.
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